

5 **CURVATURE BASED METHOD FOR SELECTING FEATURES FROM AN  
ELCTROPHYSIOLOGIC SIGNALS FOR PURPOSE OF COMPLEX  
IDENTIFICATION AND CLASSIFICATION**

**Abstract of the Disclosure**

10 A method for curvature based complex identification and classification  
comprises sensing a cardiac signal and computing curvatures at sample points on the  
sensed cardiac signal. Then to extract features from the computed curvatures, and  
compare the extracted features with a set of predetermined templates, and then to  
classify the sensed cardiac signal based on the outcome of the comparison.

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